MAY 1 TOTAL WAY

SEQUENCE LISTING

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<120> STEM CELLS OF THE ISLETS OF LANGERHANS AND THEIR USE IN TREATING DIABETES MELLITUS

<130> 3284/1230

<140> US 09/731,261

<141> 2000-12-06

<150> US 60/169,082

<151> 1999-12-06

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<151> 2000-10-06

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Gln Gly Ala Glu Leu Glu Arg Glu Leu Glu Ala Leu Arg Val Ala His

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Leu Ala Arg Arg Leu Gly Glu Ala Trp Arg Gly Ala Val Arg Gly Tyr

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280
285

His Leu Lys Met Ser Leu Ser Leu Glu Val Ala Thr Tyr Arg Thr Leu
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Leu Glu Ala Glu Asn Ser Arg Leu Gln Thr Pro Gly Gly Gly Ser Lys
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Thr Ser Leu Ser Phe Gln Asp Pro Lys Leu Glu Leu Gln Phe Pro Arg

Thr Pro Glu Gly Arg Arg Leu Gly Ser Leu Leu Pro Val Leu Ser Pro 340 345 350

Thr Ser Leu Pro Ser Pro Leu Pro Ala Thr Leu Glu Thr Pro Val Pro
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Ala Ser Thr Pro Ile Pro Pro Thr Pro Gln Ala Pro Ser Pro Ala Val 385 390 395 400

Asp Ala Glu Ile Arg Ala Gln Asp Ala Pro Leu Ser Leu Leu Gln Thr
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Gln Gly Gly Arg Lys Gln Ala Pro Glu Pro Leu Arg Ala Glu Ala Arg
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Thr Glu Asn His Lys Ser Leu Arg Ser Leu Glu Glu Gln Asp Gln Glu
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755 760 765

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Glu Pro Leu Lys Ser Leu Asp Gln Glu Ile Ala Arg Pro Leu Glu Asn 785 790 795 800

Glu Asn Gln Glu Phe Leu Lys Ser Leu Lys Glu Glu Ser Val Glu Ala 805 810 815

Val Lys Ser Leu Glu Thr Glu Ile Leu Glu Ser Leu Lys Ser Ala Gly
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Gln Glu Asn Leu Glu Thr Leu Lys Ser Pro Glu Thr Gln Ala Pro Leu 835 840 845

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Ser Met Glu Pro Gly Glu Phe Glu Ile Ser Arg Gly Val Asp Lys Glu
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1100 1105 1110

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Pro Leu Gly Ser Glu Glu Ala Glu Glu Asp Val Pro Pro Val Leu
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Ser Pro Arg Trp Thr Pro Leu Glu Ser Arg Gly His Pro Leu Lys
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Glu Thr Gly Lys Glu Gly Trp Asp Pro Ala Val Leu Ala Ser Glu 1325 1330 1335

Gly Leu Glu Glu Pro Ser Glu Lys Glu Glu Gly Glu Glu Gly Glu
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